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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/404,706

DATE: 10/08/1999  
TIME: 11:10:44

Input Set: I404706.RAW

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This Raw Listing contains the General Information  
Section and up to first 5 pages.

MAR 27 2000

TECH CENTER 1600/2900

#4  
Plunkett  
5/26/00

ENTERED

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TECH CENTER 1600/2900  
99 OCT 28 PM 1:54

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MAR -2 2000  
TE 1600 MAIL ROOM

1 <110> APPLICANT: Williams, Lewis T.  
2 Escobedo, Jaime  
3 Innis, Michael A.  
4 Garcia, Pablo Dominiguez  
5 Sudduth-Klinger, Julie  
6 Reinhard, Christoph  
7 Giese, Klaus  
8 Randazzo, Filippo  
9 Kennedy, Giulia C.  
10 Pot, David  
11 Kassam, Altaf  
12 Lamson, George  
13 Drmanac, Radoje  
14 Crkvenjakov, Radomir  
15 Dickson, Mark  
16 Drmanac, Snezana  
17 Labat, Ivan  
18 Leshkowitz, Dena  
19 Kita, David  
20 Garcia, Veronica  
21 Jones, Lee William  
22 Stache-Crain, Birgit  
23 <120> TITLE OF INVENTION: Diagnostic and Therapeutic Methods Using  
24 Molecules Differentially Expressed in Cancer Cells  
25 <130> FILE REFERENCE: 2300-1490  
26 <140> CURRENT APPLICATION NUMBER: US/09/404,706  
27 <141> CURRENT FILING DATE: 1999-09-23  
28 <150> EARLIER APPLICATION NUMBER: 60/101,900  
29 <151> EARLIER FILING DATE: 1998-09-25  
30 <160> NUMBER OF SEQ ID NOS: 37  
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33 <211> LENGTH: 300  
34 <212> TYPE: DNA  
35 <213> ORGANISM: Homo sapiens  
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38 gaggtcgagc cgggcagtgg ggtccgcac gtggtggagt actgtgaacc ctgcggcttc 120  
39 gaggcgacct acctggagct ggccagtgt gtgaaggagc agtatccggg catcgagatc 180  
40 gagtcgcgcc tcgggggac aggtgccttt gagatagaga taaatggaca gctggtgttc 240  
41 tccaagctgg agaatggggg ctttccttat gagaaagatc tcattgaggc catccgaaga 300  
42 <210> SEQ ID NO 2  
43 <211> LENGTH: 300  
44 <212> TYPE: DNA

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48      atttttagca ctcacagta ttctccaatg tgaccttctc attggagtag acagaaggaa      120
49      agcaaagaag agcatctgac ttctagctct ggcttacagc ctctctacca ggccgaagca      180
50      agagaccgcg ggcagcagct ccccgccact cagacctggg tgggtgataac ctcaaagaat      240
51      ggctctgttt tctattgaca gaaaaccac ttgattttgc ttctgagtta gcagtcagaa      300
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53 <211> LENGTH: 300
54 <212> TYPE: DNA
55 <213> ORGANISM: Homo sapiens
56 <400> SEQUENCE: 3
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58      cattcttatc acctagtata tagttagttt gtagagtgat ttccccccag tttcttgaac      120
59      atggtatctt cacatcttgg accttgggtca gttgtgctat tcattattaa acactaaaac      180
60      tttggcgggt cttgcataac attgtcagat tttttagtgat atttctgtga agtcattttt      240
61      tttcttgtca ttcttttgt agtagttgct gtttgataa aagttgatgt ggatttttta      300
62 <210> SEQ ID NO 4
63 <211> LENGTH: 300
64 <212> TYPE: DNA
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68      tggccgagac tgaccccaag accgtgcagg acctcacctc ggtgggtgcag acactcctgc      120
69      agcagatgca agataaattt cagaccatgt ctgaccagat cattggggaga attgatgata      180
70      tgagtagtcg cattgatgat ctggaaaaga atatcgcgga cctcatgaca caggctgggg      240
71      tggaagaact ggaaagtga aacaagatac ctgccacgca aaagagttga aggttgctaa      300
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73 <211> LENGTH: 300
74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
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79      tggagatcaa caccagcggg actttcctca cacaagcgt caaccacatg tacaaaactcc      180
80      gcacgaacct ccagcctctg gagagtactc agtctcagga cttctagaga aaggcctgggt      240
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83 <211> LENGTH: 300
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85 <213> ORGANISM: Homo sapiens
86 <400> SEQUENCE: 6
87      aattccgttg ctgtcggtag ggctctggcc tgcagctcgc gccgccatgg acgtgcccga      60
88      ggtcgaattc ctgcgcgaga aggagctgggt taccattatc cccaacttca gtctggacaa      120
89      gatctacctc atcggggggg acctggggcc ttttaaccct ggtttaccgg tggaagtggc      180
90      cctgtggctg gcgattaacc tgaaacaaag acagaaatgt cgctgtctcc ctccagagtg      240
91      gatggatgta gaaaagtgg agaagatgag ggatcatgaa cgaaagggaag aaacttttac      300
92 <210> SEQ ID NO 7
93 <211> LENGTH: 300
94 <212> TYPE: DNA

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# RAW SEQUENCE LISTING PATENT APPLICATION US/09/404,706

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96 <400> SEQUENCE: 7

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98 gggacactcg tatagccaaa ctccgagtgt ctgctgacag ctttgtgaga cagcaggagg 120

99 cacatgccaa gctggataac ttgacctga tggagatcaa caccagcggg actttcctca 180

100 cacaagcgct caaccacatg tacaaactcc gcacgaacct ccagcctctg gaaagacctc 240

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103 <211> LENGTH: 300

104 <212> TYPE: DNA

105 <213> ORGANISM: Homo sapiens

106 <400> SEQUENCE: 8

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108 gtccaggcag ctggaacaga tagacactgt gtgacatttg tattgcacga ggaagaccat 120

109 accctaggaa attctctacg ttacatgac atgaagaacc cggaagtggg attttgtggt 180

110 tacactacga cccatccttc agagagcaaa attaatttac gcattcagac tcgaggtagc 240

111 cttccagctg ttgagccatt tcagagaggc ctgaatgagc tcatgaatgt ctgccaacat 300

112 <210> SEQ ID NO 9

113 <211> LENGTH: 300

114 <212> TYPE: DNA

115 <213> ORGANISM: Homo sapiens

116 <220> FEATURE:

117 <221> NAME/KEY: misc\_feature

118 <222> LOCATION: (1)...(300)

119 <223> OTHER INFORMATION: n = A,T,C or G

120 <400> SEQUENCE: 9

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122 tcttanaagt attttgtttt tggatgtgtg aatgtgcata gttcttaaag tccaacattc 120

123 atgtaataag acatcttgca tataacaatg acccttacgt cnaagatgtn aaatagatcc 180

124 taagcctggg ataactttat tcaagtatcc ttatttggcc ctaaaatgtc ttttaatacac 240

125 attacttggg ttatttcctg gatgaacatn caggatcccc aatttctgtt ttttaagagaa 300

126 <210> SEQ ID NO 10

127 <211> LENGTH: 300

128 <212> TYPE: DNA

129 <213> ORGANISM: Homo sapiens

130 <400> SEQUENCE: 10

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132 attgggggag cccagagaca ggggaaggca gcctgtccat ctgtgcataa ggagaggaaa 120

133 gttccagggt gtgtatgttt caggggcttc acatggagga gctgcagata gatatgtgtt 180

134 tctgtgtatg tgtatgtctg cctttttttc taagtggggg cttctacagg cttttgggaa 240

135 gtaggggtgga tgtgggtagg gctgggagga gggggccaca gcttaagttt ggagctctgg 300

136 <210> SEQ ID NO 11

137 <211> LENGTH: 300

138 <212> TYPE: DNA

139 <213> ORGANISM: Homo sapiens

140 <400> SEQUENCE: 11

141 atctctttga gcaatcgtct taatttcctt gtcgtcacca attatcataa ccaattatca 60

142 tcgtaaagga tggttaattcc ttttaattata cccaccttaa aaacatgatt ctgttccaca 120

143 aacgaaagga gcacatcaga gatgccttca gttctgtgtg cttgaacttt gaattccatg 180

144 aattatagtt gcactgaggg gagaatcctg tttccatcct cctggttcct tctccctttc 240

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146 <210> SEQ ID NO 12  
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149 <213> ORGANISM: Homo sapiens  
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151 ctggaaagcc ggaattcaac tctggaccct gggaagcctg agatgatgaa gtccccaca 60  
152 aacaccaccc cacatgtgcc ggctgaggga cctgagctta tttgaagtcc tgcctcattc 120  
153 tcaactggagc ctcaagtctct cctgcttggt cttggccctc aactggggca agtgaagcca 180  
154 gaggagggtc cccagctgg gtgggctgga atggaactcc tcaactagctg ctggggctcc 240  
155 gccaccctg ctcccttccg gacaatgaag aagcctttgc accctgggag gaaggaccac 300  
156 <210> SEQ ID NO 13  
157 <211> LENGTH: 300  
158 <212> TYPE: DNA  
159 <213> ORGANISM: Homo sapiens  
160 <400> SEQUENCE: 13  
161 agaagacagc agagcagact gtatgacgag caccagcacc aggcacaggg atttcctagc 60  
162 cgagcagtgg ccatcccat gcccttgacc tccaccgacc tctgccacc atgggttga 120  
163 actaaactgt taccttccct cgctccacag aagaagacag ccagcttcag gggctccctgt 180  
164 gctggccaag ccagtgaacc tgcggggagg ctggtccaag gagaaagtgg accagctccc 240  
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171 <221> NAME/KEY: misc\_feature  
172 <222> LOCATION: (1)...(300)  
173 <223> OTHER INFORMATION: n = A,T,C or G  
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176 tcatggccat ggnaaccaa ggaggtactg tcaaagctgc ttcaggattc aatgccatgg 120  
177 aagatgccca gacctgagg aangccatga aagggtcgg caccgatgaa nacgccatta 180  
178 ttancgtect tgcctaccgc atcaccgcc agcgccagga gatcaggaca gcctacaaga 240  
179 gcaccatcgg canggacttg atagacgacc tgaagtcana actgagtggc aacttcgagc 300  
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181 <211> LENGTH: 300  
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183 <213> ORGANISM: Homo sapiens  
184 <400> SEQUENCE: 15  
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186 agaagatccc ggcgggagga agcccaagtg tcaattgaat tccacccaag gagcgggcgc 120  
187 ctgggatcag agcgtcctgt ttagcaataa cggctggagc acgtcctaca agttacggga 180  
188 gagtcggctg tgaaggagac gttegttat cccctgtgtc cccgtcctg gccctccag 240  
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192 <212> TYPE: DNA  
193 <213> ORGANISM: Homo sapiens  
194 <400> SEQUENCE: 16

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**RAW SEQUENCE LISTING**  
**PATENT APPLICATION US/09/404,706**

DATE: 10/08/1999

TIME: 11:10:44

Input Set: I404706.RAW

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197      acttccgtgt cccggcccg ggcggggag ccccgcttca tctctgtggg ctacgtggac      180
198      gacacccagt tctgtcgctt cgacaacgac gccgcgagtc cgaggatggt gccgcgggcg      240
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202 <212> TYPE: DNA
203 <213> ORGANISM: Homo sapiens
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206      actgacctgg cagcaggatg gggagggcca taccaggac acggagctcg tggagaccag      120
207      gcctgcaggg gatggaacct tccagaagtg ggcagctgtg gtggtgcctt ctggagagga      180
208      gcagagatac acgtgccatg tgcagcatga ggggctaccc gagcccgctc ccctgagatg      240
209      gaagccggct tcccagccca ccatcccatc cgtgggcatc attgctggcc tggttctcct      300
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217      tcacagcagc tgggtggagag gcggggtctg caggaacacc agagaggccg gactctgacc      180
218      atggtgtccc tgggctgtgg ctttgtgggc cctgtggtag gaggtctgta caaggttttg      240
219      gatcggttca tccctggcac caccaaagtg gatgcactga agaagatgtt gttggatcag      300
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221 <211> LENGTH: 300
222 <212> TYPE: DNA
223 <213> ORGANISM: Homo sapiens
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226      agatggcact gggggtgtga gcatctatgg tgagacattt ccagatgaga acttcaagct      120
227      gaagcactat ggcattgggt gggtcagcat ggccaacgct gggcctgaca ccaatggctc      180
228      tcagttcttt atcaccttga ccaagccac cttggttgac ggcaaacatg tgggtgtttg      240
229      aaaagtcatt gatgggatga cagtgggtgca ctccatagag ctccaagcaa ctgatgggca      300
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236      ggaaaatttt gttgctctag caacaggaga gaaaggatat ggatataaag gaagcaagtt      120
237      tcatcgtgtc atcaaggatt tcatgattca aggaggtgac atcaccactg gagatggcac      180
238      tgggggtgtg agcatctatg gtgagacatt tccagatgag aacttcaagc tgaagcacta      240
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242 <212> TYPE: DNA
243 <213> ORGANISM: Homo sapiens

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Please Note: <400> SEQUENCE: 21

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Input Set: I404706.RAW

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122	W "N" or "Xaa" used: Feature required	tcttanaagt attttgtttt tggatgtgtg aatgtgca
123	W "N" or "Xaa" used: Feature required	atgtaataag acatcttgca tataacaatg acccttac
125	W "N" or "Xaa" used: Feature required	attacttggg ttatttcctg gatgaacatn caggatc
176	W "N" or "Xaa" used: Feature required	tcatggccat ggnaaccaa ggaggtactg tcaaagct
177	W "N" or "Xaa" used: Feature required	aagatgccc a gaccctgagg aangccatga aagggctc
178	W "N" or "Xaa" used: Feature required	ttancgtcct tgcctaccgc atcaccgccc agcgccag
179	W "N" or "Xaa" used: Feature required	gcaccatcgg canggacttg atagacgacc tgaagtca
322	W "N" or "Xaa" used: Feature required	accaatgggg agatacagaa ggagaacagt cgtgaagc
323	W "N" or "Xaa" used: Feature required	agccccangc canccctggg ganatccgct ccannagc
405	W "N" or "Xaa" used: Feature required	gaaagattgt agcgttttan tctccctggg ctttcctc
417	W "N" or "Xaa" used: Feature required	gaagtctgta gatggacggn agatccgagt agaccagg
418	W "N" or "Xaa" used: Feature required	atcccgtggg taccgnggtg gctctgccgg gggccggg
419	W "N" or "Xaa" used: Feature required	acggggccgt gggttctcta taggaggagg ggaccgag
420	W "N" or "Xaa" used: Feature required	gtccaggagt gggggctacg gaggctccag agactact